Loren C. Schmid has been promoted to manager of the reactor-physics department of Battelle-Northwest.

Philip LaFleur has been promoted to chief of activation analysis at the National Bureau of Standards. **Roger E. Beehler**, former chief of the Atomic Frequency and Time Standard Section, has been appointed assistant chief of the Time Frequency Division at the National Bureau of Standards. He replaces **Robert Harrington** who was named to the staff of the deputy director of the Institute for Basic Standards at NBS Boulder. **Robert J. Corruccini**, former chief of Properties of Cryogenic Fluids at Boulder, has been appointed deputy director of the Institute for Basic Standards.

Henry V. Bohm, professor at Wayne State University, was appointed vice-president of graduate studies and research.

The Institute of Electrical and Electronics Engineers has nominated **Karl Willenbrock** for president for 1969. He is provost of the faculty of engineering and applied science at the State University of New York at Buffalo.

Don E. Harrison Jr and **Raymond L. Kelly** have been promoted to professor and **James V. Sanders** to associate professor at the Naval Postgraduate School.

Ray J. Gans has been elected vice-president of International Telephone and Telegraph Federal Laboratories, Fort Wayne.

GOODMAN

Ralph R. Goodman has been named associate director of research for oceanology at the Naval Research Laboratory. He will administer a program of basic and applied research in the divisions of acoustics, ocean sciences, ocean technology and underwater sound reference. Goodman was formerly professor and acting chairman of the physics department at Colorado State University.

Richard A. Lundy has been appointed associate director of the high-energy facilities division of Argonne National Laboratory. A member of the division since 1963, he was active in the groups that prepared and performed experiments on the Zero Gradient Synchrotron.

Richard G. Leahy, director of the laboratories of the Division of Engineering and Applied Physics at Harvard University, has been appointed assistant dean for resources and planning of the Faculty of Arts and Sciences.

LANDIS

Gulf General Atomic has appointed **John W. Landis** to the newly created position of regional vice-president of the east coast. His activities will include technical planning in Gulf's nuclear and non-nuclear programs. Landis was formerly general manager of Washington operations for Babcock and Wilcox.

At Ohio State University **Mohammed Yaqub** has been promoted to professor, **Timothy R. Donoghue** and **James T. Tough** have been promoted to associate professor and **Chi C. Sung** and **Dale Zych** have been promoted to assistant professor. New appointments as assistant professor include **Charles A. Ebnar**, a postdoctoral fellow at the University of Paris; **Noel R. Stanton**, from the University of Michigan; and **Ronald Torgerson**, from the University of Notre Dame.

At the University of Utah during the past year **Peter Gibbs** was transferred from acting chairman to chairman. In addition **Abraham Sosin** and **Frank E. Harris** were named professors; **James S. Ball** and **Russell F. Bjorklund**, associate professors; **William D. Seward**, assistant professor; **Seinosuke Ozaki**, **James D. Bjorken**, **Richard E. Norton**, and **Heinz Bilz**, visiting professor; and **Robert B. Coats** and John **L. Osborne**, research assistant professors.

Yale Awards Cross Medal To Fairbank of Stanford

Yale University's Wilbur Lucius Cross Medal has been presented to Stanford professor William M. Fairbank. The medal is presented annually to

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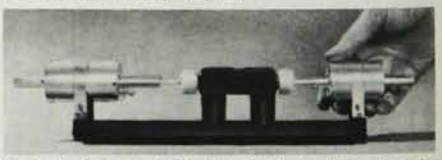

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distinguished Yale PhD's. Fairbank is a leader in low-temperature physics and a principal investigator in the development of a superconducting accelerator and other cryogenic experiments in progress at Stanford.

Condon, Townes Win 1968 OSA Ives and Mees Awards

Edward U. Condon will receive this month the Ives Medal of the Optical Society of America for his contributions to optics. He is presently a professor at the University of Colorado and a staff member of the Joint Institute for Laboratory Astrophysics. Condon was director of the National Bureau of Standards from 1945 to 1951 and also served as president of the American Physical Society in 1946 and the American Association for the Advancement of Science in 1953.

The award was established by Herbert E. Ives in 1928 in honor of his father, Fredric Ives, who was distinguished for his contribution to photography, especially color photography and three-color printing.

The Mees Medal, honoring the founder of Eastman Kodak Laboratories, will be awarded to Charles H. Townes at the society's October meeting in Pittsburgh. He won a Nobel Prize in physics in 1964 and is presently professor-at-large at the University of California. Townes's fields include molecular and nuclear structure, radio astronomy, optics and quantum electronics.

Engineering Academy Gives Founders Medal to Zworykin

The National Academy of Engineering has presented its 1968 Founders Medal to Vladimir K. Zworykin in recognition of his many contributions to engineering and to the betterment of human society. Known for his invention of the iconoscope, the first practical television-picture transmission tube, Zworykin is an honorary vice-president of the Radio Corporation of America and technical consultant to RCA Laboratories in Princeton, N. J.

In addition to honoring Zworykin for his pioneering research in television, the National Academy of Engineering recognized his role in developing the first commercial electron microscope in the western hemisphere, his leadership in promoting the cause of traffic safety through the imaginative concept of an automated electronic highway and his tireless efforts to bring about a union of electronics and medicine.

William H. Sullivan, Former ORNL Scientist, Dies

A former Oak Ridge National Laboratory scientist and originator of the *Trilinear Chart of Nuclides*, William H. Sullivan, died on 24 April, a victim of multiple sclerosis. He was chief research scientist in the technical-information division of ORNL from August 1951 until June 1964. His trilinear chart summarizes data on radioactivity and nuclear properties.

Tilles, Geophysicist, Killed By Rock Slide in Oregon

David Tilles, a geophysicist and an associate professor in the department of oceanography at Oregon State University, died on 30 March. Tilles and one of his sons were killed on an Oregon beach by a large boulder dislodged in a rock slide from a 20-foot cliff near the beach.

Wallenstein Was Authority In Physical Chemistry

Merrill B. Wallenstein, a national authority in physical chemistry, died on 1 July. He had been manager of data programs for the National Bureau of Standards since Jan. 1968. Wallenstein joined the bureau in 1953 and had served as chief of the physical chemistry division, deputy director of the NBS Institute for Basic Standards and acting director of the institute.

F. Behn Riggs, Director Of AIP Information Center

F. Behn Riggs Jr died on 1 Aug. in Silver Bay, N.Y. From May 1964 until December 1965, he was the first project director of the American Institute of Physics information center on international physics activities. He was graduated from Harvard in 1941 and received his doctorate there in 1956. Riggs was a research associate at the Smithsonian Institution from 1956 to 1963 and was a lecturer in physics at Brooklyn College at his death. □